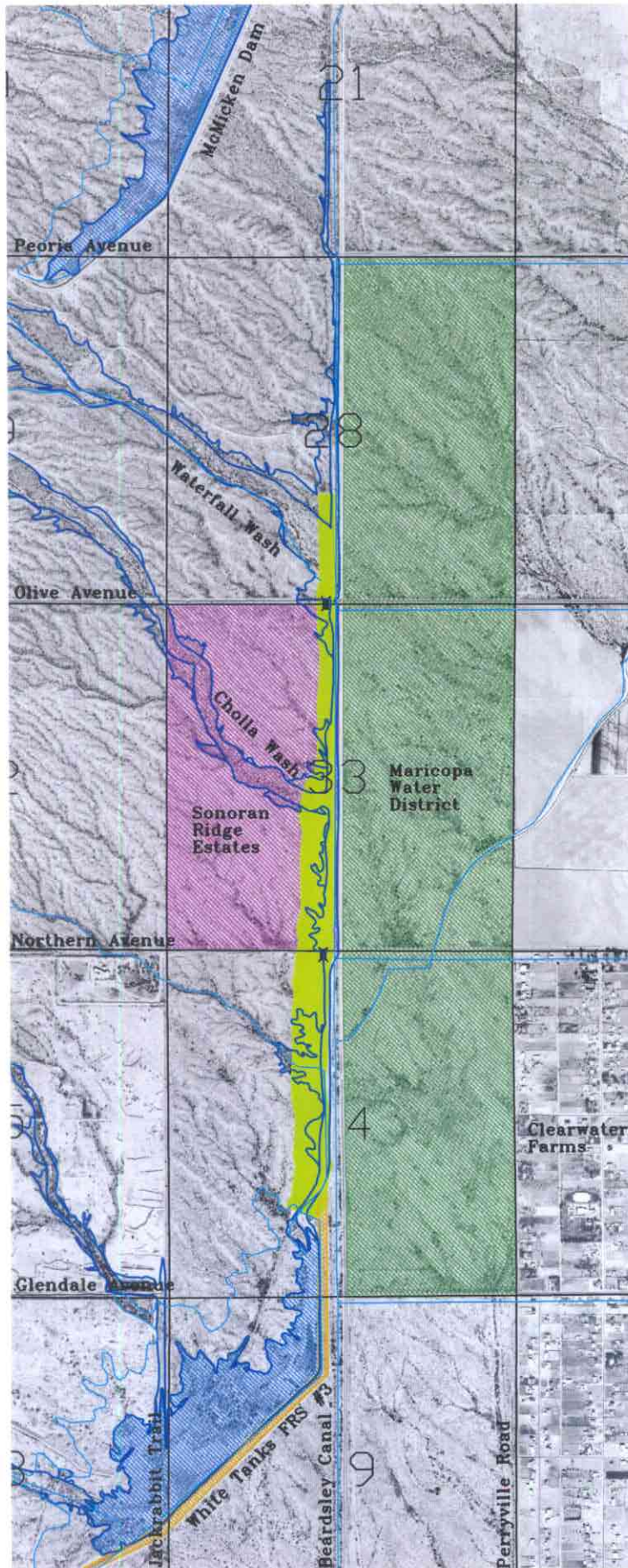


ALTERNATIVE 1 NATIVE DESERTSCAPED EARTHEN CHANNEL



LEGEND

- NATIVE DESERTSCAPED CHANNEL & TRAILS
- CULVERTS

ALTERNATIVE 1 DESCRIPTION

This alternative consists of native desert-scaped earthen channel improvements with trails from Flood Retarding Structure #3 to Olive Avenue including culverts at both Northern and Olive Avenues.

VISUAL CHARACTERISTICS

- Variable width native desert-scaped earthen channel parallel to the west edge of the existing Beardsley Canal.
- Design and grading will attempt to re-naturalize the channel corridor to be reflective of the topography and character of nearby natural washes.
- Designed to provide opportunities for future recreational trail linkages.
- Revegetation and/or restoration will be accomplished using native seed mixes and select tree plantings.
- The native desert-scape palette includes native Sonoran desert plant species patterned and arranged to reflect the density and patterns found in the washes and foothills of the White Tank Mountains.

OPPORTUNITIES

- Provides 100-year flood protection to the properties east of Beardsley Canal by improving Beardsley Canal Wash Corridor.
- Provides a native desert-scaped open space corridor including equestrian and pedestrian trails from the White Tanks Flood Retarding Structure #3 to Waterfall Wash.
- Provides a 100-year crossing across the wash at both Northern and Olive Avenues.

CONSTRAINTS

- Requires 91 acres of right-of-way/easements through Sonoran Ridge Estates and State Land Department. Impacts a large number of lots through Sonoran Ridge Estates.
- Trail access limited to narrow corridor along west side of Beardsley Canal.
- Requires highest effort for the maintenance.
- Maximum area of natural desert disturbed.
- Creates maximum construction impact to the neighborhood.
- Highest cost.

PROJECT COST

\$14 million

**NORTH INLET CHANNEL
MARICOPA COUNTY
ARIZONA**

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